

WORKING PAPER

CHARACTERISTICS

TYPE: AIR-TO-SURFACE

DESIGNATION: AS-3

NICKNAME: KANGAROO

SOVIET DESIGNATION: KH-20

STATUS: OPERATIONAL

SERVICE: , SOVIET LONG RANGE AIR FLEET

IOC: LATE 1960

CARRIER AIRCRAFT BEAR 'B' AND 'C'

MISSILE CHARACTERISTICS

FUSELAGE LENGTH 46.0 FT.

FUSELAGE MAX. DIAMETER 6.0 FT.

WING SPAN 30.0 FT

WING L. E. SWEEP 57°

GROSS WING AREA 280.5 SQ. FT.

TAIL SPAN 13.3 FT

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PROPULSION

ENGINE TYPE	TURBOJET
INSTALLATION	FUSELAGE
FUEL	KEROSENE
INTAKE DIAMETER	3.0 FT.
EFFLUX DIAMETER	3.5 FT.
AFTER BURNER	YES

WEIGHT ANALYSIS

STRUCTURE	4,900 LB.
POWER PLANT	5,900 LB.
FUEL	6,700 LB.
FUEL SYSTEM	500 LB.
CONTROLS	500 LB.
WARHEAD	5,000 $\pm$ 500 LB.
TOTAL	25,000 LB.

PERFORMANCE

TYPE OF MISSION	STRATEGIC
SPEED	1.5-2.0 M
ALTITUDE	55,000 FT.
RANGE	350 NM